

ASSWORD:

* * * * * RECONNECTED TO U.S. Patent & Trademark Office * * * * *
SESSION RESUMED IN FILE 'USPAT' AT 10:37:00 ON 26 MAR 1999
FILE 'USPAT' ENTERED AT 10:37:00 ON 26 MAR 1999
=> s ray/clm

L4 23842 RAY/CLM

=> s ra/clm

L5 1449 RA/CLM

=> s 430/5/cls

L6 1540 430/5/CLS

=> s l4 and l5

L7 26 L4 AND L5

=> s l6 and l7

L8 0 L6 AND L7

=> s 428/cls

L9 0 428/CLS

=> s 428/clas

L10 115306 428/CLAS

=> s l10 and l4

L11 730 L10 AND L4

=> s l10 and l7

L12 10 L10 AND L7

=> d l12 1-10

1. 5,872,069, Feb. 16, 1999, Glass-ceramics for magnetic disc substrate, magnetic disc substrate and magnetic disc; Masahiro Abe, 501/5; **428/694ST**; 501/4 [IMAGE AVAILABLE]

2. 5,871,850, Feb. 16, 1999, Coated hard metal material; Hideki Moriguchi, et al., **428/651**; 51/309; 407/119; **428/332, 655, 657, 698, 699, 701**; 501/87 [IMAGE AVAILABLE]

3. 5,830,584, Nov. 3, 1998, Bicrystal cluster magnetic recording medium; Ga-Lane Chen, et al., **428/611, 65.3, 65.7, 141, 216, 336, 457, 469, 662, 666, 667, 680, 694SG, 694T, 694TP, 694TS, 900, 928** [IMAGE AVAILABLE]

4. 5,804,283, Sep. 8, 1998, Magnetic recording medium; Hiroo Inaba, et al., **428/141, 212, 216, 336, 425.9, 694BA, 694BS, 900** [IMAGE AVAILABLE]

=> d his

(FILE 'USPAT' ENTERED AT 10:24:21 ON 26 MAR 1999)

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|-----|---|--------|---|------------|
| L1 | (| 1449) | S | RA/CLM |
| L2 | (| 23842) | S | RAY/CLM |
| L3 | (| 1540) | S | 430/5/CLS |
| L4 | | 23842 | S | RAY/CLM |
| L5 | | 1449 | S | RA/CLM |
| L6 | | 1540 | S | 430/5/CLS |
| L7 | | 26 | S | L4 AND L5 |
| L8 | | 0 | S | L6 AND L7 |
| L9 | | 0 | S | 428/CLS |
| L10 | | 115306 | S | 428/CLAS |
| L11 | | 730 | S | L10 AND L4 |
| L12 | | 10 | S | L10 AND L7 |

=> s 378/35/cls

L13 267 378/35/CLS

=> s 15 and 113

L14 1 L5 AND L13

=> d 114

1. 5,848,120, Dec. 8, 1998, X-ray mask blank, X-ray mask and pattern transfer method; Tsutomu Shoki, et al., **378/35**, 34 [IMAGE AVAILABLE]

=> s roughness/clm

L15 3573 ROUGHNESS/CLM

=> s 115 and 113

L16 7 L15 AND L13

=> d 116 1-7

1. 5,848,120, Dec. 8, 1998, X-ray mask blank, X-ray mask and pattern transfer method; Tsutomu Shoki, et al., **378/35**, 34 [IMAGE AVAILABLE]

2. 5,656,398, Aug. 12, 1997, Method of making X-ray mask structure; Takeshi Miyachi, et al., 430/5; 378/34, **35**; 430/296 [IMAGE AVAILABLE]

3. 5,553,110, Sep. 3, 1996, X-ray mask structure, process for production thereof, apparatus and method for X-ray exposure with the X-ray mask structure, and semiconductor device produced by the X-ray exposure method; Koichi Sentoku, et al., **378/35**, 34; 430/5, 966, 967 [IMAGE AVAILABLE]

4. 5,496,667, Mar. 5, 1996, X-ray mask and its fabrication method; Hideki Yabe, et al., 430/5; 378/34, **35** [IMAGE AVAILABLE]

5. 5,482,802, Jan. 9, 1996, Material removal with focused particle

beams; George K. Celler, et al., 430/5; 216/12, 63, 66; 378/34, 35;
430/311, 396 [IMAGE AVAILABLE]

6. 5,101,420, Mar. 31, 1992, X-ray mask support and process for
preparation thereof; Nobuo Kushibiki, et al., 378/35; 430/5 [IMAGE
AVAILABLE]

7. 5,005,075, Apr. 2, 1991, X-ray mask and method of manufacturing an
X-ray mask; Masato Kobayashi, et al., 378/35; 204/192.37; 216/12, 38,
99; 430/5 [IMAGE AVAILABLE]

5. 5,789,062, Aug. 4, 1998, Magnetic recording medium; Nobuhiro Umebayashi; et al., 428/141; 360/135; 369/275.3, 275.4; 428/65.3, 323, 329, 333, 336, 694BA, 694BN, 694BR, 694BS, 900 [IMAGE AVAILABLE]
6. 5,560,977, Oct. 1, 1996, Magnetic recording medium and manufacturing the same; Yuzo Yamamoto, et al., 428/141; 204/192.1; 205/674; 360/131, 135; 427/129, 130, 131; 428/65.3, 408, 694SG, 694ST, 694T, 900 [IMAGE AVAILABLE]
7. 5,445,881, Aug. 29, 1995, High recording density magnetic tape and process for the production thereof; Shinichi Irie, 428/328; 427/130; 428/694BF, 694BP, 694BR, 900 [IMAGE AVAILABLE]
8. 5,411,788, May 2, 1995, Heat-sealable oriented web; Patrick D. Hyde, et al., 428/200, 174, 332, 336, 337, 338, 339, 345, 349, 424.8 [IMAGE AVAILABLE]
9. 5,352,501, Oct. 4, 1994, Longitudinal magnetic recording medium comprising a circumferentially textured disk substrate, chromium primer layer and a cobalt chromium magnetic alloy layer having a segregation structure; Yukihiro Miyamoto, et al., 428/65.7, 336, 409, 611, 652, 667, 680, 694SG, 694SL, 694ST, 694T, 694TP, 694TR, 694TS, 900, 928 [IMAGE AVAILABLE]
10. 4,732,814, Mar. 22, 1988, Polyester film with smooth and highly adhesive surface and method of making same; Kenji Hatada, et al., 428/480, 141, 143, 694SG, 694SL, 900, 910 [IMAGE AVAILABLE]

=> d 17 1-20

1. 5,872,069, Feb. 16, 1999, Glass-ceramics for magnetic disc substrate, magnetic disc substrate and magnetic disc; Masahiro Abe, 501/5; 428/694ST; 501/4 [IMAGE AVAILABLE]
2. 5,871,850, Feb. 16, 1999, Coated hard metal material; Hideki Moriguchi, et al., 428/651; 51/309; 407/119; 428/332, 655, 657, 698, 699, 701; 501/87 [IMAGE AVAILABLE]
3. 5,848,120, Dec. 8, 1998, X-ray mask blank, X-ray mask and pattern transfer method; Tsutomu Shoki, et al., 378/35, 34 [IMAGE AVAILABLE]
4. 5,830,584, Nov. 3, 1998, Bicrystal cluster magnetic recording medium; Ga-Lane Chen, et al., 428/611, 65.3, 65.7, 141, 216, 336, 457, 469, 662, 666, 667, 680, 694SG, 694T, 694TP, 694TS, 900, 928 [IMAGE AVAILABLE]
5. 5,821,686, Oct. 13, 1998, Inner-shield material to be attached inside a color cathode ray tube; Giichiro Nomura, et al., 313/479, 402, 405 [IMAGE AVAILABLE]
6. 5,804,283, Sep. 8, 1998, Magnetic recording medium; Hiroo Inaba, et al., 428/141, 212, 216, 336, 425.9, 694BA, 694BS, 900 [IMAGE AVAILABLE]
7. 5,789,062, Aug. 4, 1998, Magnetic recording medium; Nobuhiro Umebayashi, et al., 428/141; 360/135; 369/275.3, 275.4; 428/65.3, 323, 329, 333, 336, 694BA, 694BN, 694BR, 694BS, 900 [IMAGE AVAILABLE]
8. 5,622,743, Apr. 22, 1997, Stabilizing agent for beer; Masanori Tanaka, et al., 426/330.4; 423/338; 426/330.5, 423; 502/407 [IMAGE AVAILABLE]

9. 5,618,401, Apr. 8, 1997, Inner-shield material to be attached inside a color cathode ray tube and manufacturing method thereof; Giichiro Nomura, et al., 205/130; 148/530, 534; 205/138, 152, 206, 207, 217, 227, 271 [IMAGE AVAILABLE]
10. 5,605,582, Feb. 25, 1997, Alloy sheet having high etching performance; Tadashi Inoue, et al., 148/320, 333, 336, 442; 420/94, 95, 581; 430/23 [IMAGE AVAILABLE]
11. 5,585,952, Dec. 17, 1996, Communication apparatus automatically selecting one of two operation modes; Akira Imai, et al., 359/135; 340/825.44; 359/152 [IMAGE AVAILABLE]
12. 5,560,977, Oct. 1, 1996, Magnetic recording medium and manufacturing the same; Yuzo Yamamoto, et al., 428/141; 204/192.1; 205/674; 360/131, 135; 427/129, 130, 131; 428/65.3, 408, 694SG, 694ST, 694T, 900 [IMAGE AVAILABLE]
13. 5,445,881, Aug. 29, 1995, High recording density magnetic tape and process for the production thereof; Shinichi Irie, 428/328; 427/130; 428/694BF, 694BP, 694BR, 900 [IMAGE AVAILABLE]
14. 5,411,788, May 2, 1995, Heat-sealable oriented web; Patrick D. Hyde, et al., 428/200, 174, 332, 336, 337, 338, 339, 345, 349, 424.8 [IMAGE AVAILABLE]
15. 5,410,372, Apr. 25, 1995, Advanced VDT screen shielding method and apparatus; Chin-Hung Lee, 348/818; 313/479; 348/819, 834 [IMAGE AVAILABLE]
16. 5,396,146, Mar. 7, 1995, Shadow mask sheet, method of producing same and cathode ray tube provided therewith; Shuichi Nakamura, et al., 313/402 [IMAGE AVAILABLE]
17. 5,352,501, Oct. 4, 1994, Longitudinal magnetic recording medium comprising a circumferentially textured disk substrate, chromium primer layer and a cobalt chromium magnetic alloy layer having a segregation structure; Yukihiro Miyamoto, et al., 428/65.7, 336, 409, 611, 652, 667, 680, 694SG, 694SL, 694ST, 694T, 694TP, 694TR, 694TS, 900, 928 [IMAGE AVAILABLE]
18. 5,267,295, Nov. 30, 1993, Methods and device related to automatic exposure in X-ray diagnostics in particular in mammography; Pekka Strommer, 378/97, 108 [IMAGE AVAILABLE]
19. 5,218,625, Jun. 8, 1993, Method for the automatic determination of the exposure time of a radiographic film and system of implementation thereof; Robert Heidsieck, 378/97, 95, 108, 207 [IMAGE AVAILABLE]
20. 5,180,322, Jan. 19, 1993, Manufacturing process of shadow mask and shadow mask plate therefor; Toshio Yamamoto, et al., 445/37; 72/363;